EXLABESA
ARCHITECTURE

Massive. Beautiful.
Efficient.

ARS-62 HO

Hinged system with thermal break.

The **ARS-62 HO** hidden sash system stands out due to its minimalistic, discreet style. Its reduced frame with a visible section of 65 mm maximises openness to the outdoors for any residence enabling, at the same time, maximum use of the entry of natural light.

The **ARS-62 HO** system is the perfect option for building projects that require minimalist aesthetics and the best quality/price ratio, due to its excellent characteristics that allow it to achieve remarkable results in terms of air permeability, watertightness and wind load performance, acoustic isolation and thermal insulation.

Features

- Euro Groove hardware
- Concealed hardware option
- Co-extruded glazing bead
- Option of concealed frame with drainage
- Environmental Product Declaration EPD

TECHNICAL FEATURES

Design

The **ARS-62 HO** window has a 65 mm visible frame due to its hidden sash, emphasising its minimalistic style, which optimizes the visible parts to the maximum extent, showcasing the glazing.

Features

The **ARS-62 HO** system has glazing of up to 32 mm, 24 mm polyamides and co-extrusion moulding. Its manufacture is straightforward due to the reinforced sections and the uniform design of the connecting elements.

Benefits

Wind load tests have highlighted the excellent performance characteristics offered by the **ARS-62 HO** system, placing it in the Class 4, E1650 and C5 categories. All this, combined with excellent acoustic insulation results (43 dB for a single-pane window) and thermal transmittance (1,2 W/m²K), make this system one of the most competitive in its category.

Possibilities

The hardware in the **ARS-62 HO** system can support a sash weighing up to 180 kg and enable concealed fittings to be used. A frame option with concealed drainage is also available, along with the manufacture of 2-sash window with a reduced view (81 mm) or symmetrical view (97 mm) inverter profile. Georgian bars with the same sizes as these inverters are also available, providing the system with uniform measurements both in terms of the fixed elements and moveable parts.

Max. recommended dimensions (LxH)*	1400x2400 mm
Maximum recommended weight**	180 kg/sash
Maximum glazing	32 mm
Polyamide	24 mm
Thermal insulation U_w***	Up to 1,2 W/m²K
Thermal insulation U_f	3,4 W/m²K

Weather test results for a 2-sash window 1230x1480 mm
* For a 1 sash window
** Depending on the dimensions and type of opening
*** For a 1 sash window 1100x2200 mm

Air permeability ▶ Class 4

1 2 3 4

Watertightness ▶ Class E1650

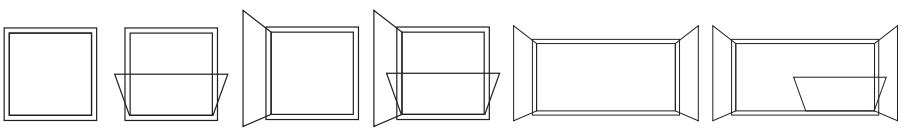
1A 2A 3A 4A 5A 6A 7A 8A 9A E1650

Wind load ▶ Class C5

C1 C2 C3 C4 C5

Acoustic insulation Rw

43 $dB_{(-1;-4)}$



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